

IN THE CLAIMS

1. (Currently Amended)An apparatus for housing and accessing an electrical device, the apparatus comprising:

an equipment drawer configured with a compartment; and

a mounting frame situated within the equipment drawer, the mounting frame configured to mechanically transition between a plurality of functional positions, including a loading position for receiving an electrical device and an operational position for the operation of the electrical device;

a connector attached to the mounting frame, the connector configured to provide electrical connectivity to the electrical device and to facilitate hot swapping of the electrical device.

2. (Original)The apparatus of claim 1, wherein the mounting frame comprises:

a plate having a distal end and a proximal end;

a hinge configured to connect the distal end of the plate to the equipment drawer;

a mounting rail attached to a face of the plate oriented towards the equipment drawer, the mounting rail further configured to mount the electrical device; and

an electrical connector adapted to receive a corresponding electrical connector on the electrical device.

3. (Original)The apparatus of claim 2, wherein the mounting frame swivels on the hinge, the mounting frame transitioning between the operational position in which the mounting frame is flush with the exterior surface of the equipment drawer and the loading position in which the mounting frame is disposed at an angle to the equipment drawer.

4. (Original)The apparatus of claim 3, wherein the mounting frame in the loading position is configured to receive the electrical device on the mounting rail, the electrical device engaging the mounting rail near the proximal end of the plate and sliding along the mounting rail to connect with the mounting frame electrical connector.
5. (Original)The apparatus of claim 1, wherein the equipment drawer is further configured to receive a plurality of mounting frames.
6. (Canceled).
7. (Canceled).
8. (Original)The apparatus of claim 1, wherein the mounting frame is further configured with hardware for mounting the electrical device.
9. (Original)The apparatus of claim 1, further comprising a backplane panel rigidly attached to the mounting frame.
10. (Currently Amended)The apparatus of claim 69, wherein the connector is disposed on the backplane panel.

11. (Previously Amended)A hot swapping mounting assembly for placement in an equipment drawer, the mounting assembly comprising:

a mounting frame situated within an equipment drawer, the mounting frame configured to mechanically transition between a loading position and an operational position; and

a mounting rail attached to the mounting frame, the mounting rail configured to receive a mounting guide of an electrical device.

12. (Original)The mounting assembly of claim 11, further comprising a connector attached to the mounting frame, the connector configured to provide electrical connectivity to the electrical device.

13. (Original)The mounting assembly of claim 11, wherein the mounting frame is further configured to retract within the equipment drawer.

14. (Currently Amended)An apparatus for housing and accessing an electrical device, the apparatus comprising:

means for mounting an electrical device;

means for mechanically transitioning the mounting means between a loading position and an operational position; and

means for mechanically connecting the mounting means to the electrical device, the mounting means configured to facilitate hot swapping of the electrical device;

means for electrically connecting the electrical device to the mounting means.

15. (Canceled).

16. (Currently Amended)A system for housing and accessing an electrical device, the system comprising:

a computer equipment cabinet;

an equipment drawer; and

a mounting frame disposed within the equipment drawer and configured to mechanically transition between a loading position for receiving an electrical device and an operational position, the mounting frame further configured to allow hot swapping of the electrical device.

17. (Original)The system of claim 16, further comprising a connector configured to provide a connection.

18. (Original)The system of claim 16, wherein the mounting frame is further configured to retract within the equipment drawer.

19. (Canceled).

20. (Original)The system of claim 16, wherein the mounting frame is further configured with a mounting rail for attaching the electrical device.

21. (Original)The system of claim 16, wherein the mounting frame is further configured with a backplane panel.

22. (Currently Amended)A method for ~~aeessing~~ hot swapping an electrical device within a computer equipment cabinet, the method comprising:

mechanically moving a mounting frame to a loading position;

connecting an electrical device to a connector connected with the mounting frame, the connector configured to facilitate hot swapping of the electrical device; and

mechanically retracting the mounting frame and the electrical device to an operational position.

23. (Original)The method of claim 22, further comprising removing the electrical device while maintaining the operation of other electrical devices.

24. (Original)The method of claim 22, wherein connecting the electrical device is conducted while maintaining the operation of other electrical devices.